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PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re application of:

Michael S. Dobres, Aidyn Mouradov and Hong Zhang

Serial No.: 09/911,588

Group Art Unit: 1638

Filed: July 24, 2001

Examiner: Georgia L. Helmer

For: **TRANSFORMATION OF PLANTS BY ELECTROPORATION
OF CULTURED EXPLANTS**

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR RECONSIDERATION

In response to the Office Action issued January 15, 2003, Applicants respectfully request entry of the following amendments, without prejudice.

In the Claims

Please amend claims 1, 7 to 9, and 15 to 18 to read as follows.

1. (Amended) A method for transforming a plant with at least one transgene, comprising the steps of:

- 31
- a. culturing an explant of a plant in nutritive medium;
 - b. electroporating the cultured explant and at least one transgene with a pulse length of at least about 50 milliseconds to produce a transformed explant;